

CHIMERIC GENES FOR TRANSFORMING
PLANT CELLS USING VIRAL PROMOTERS

ABSTRACT

5 In one aspect the present invention relates
to the use of viral promoters in the expression of
chimeric genes in plant cells; In another aspect
this invention relates to chimeric genes which are
capable of being expressed in plant cells, which
utilize promoter regions derived from viruses which
10 are capable of infecting plant cells. One such virus
comprises the cauliflower mosaic virus^S (CaMV). Two
different promoter regions have been derived from
the CaMV genome and ligated to heterologous coding
sequences to form chimeric genes. These chimeric
15 genes have been shown to be expressed in plant cells.
This invention also relates to plant cells, plant
tissue, and differentiated plants which contain and
express the chimeric genes of this invention.

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